

*.DGN FILE NAME FN-2

TANDARD PLANS

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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS.

TUBULAR OF

"H" POST

NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

TUBULAR POST

600

END, CORNER, GATE

PULL POST

CONCRETE

FOOTING DETAIL

(WITH FORM)

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS.

NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL

CLASS A

WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL

STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.

STANDARD NO FN-2

GATE POST ASSEMBLIES CORNER OR PULL POST ASSEMBLY (SEE PLATE 4 FOR TABLE) (SEE PLATE 4 FOR TABLE) SINGLE GATE TIE WIRES SPACED LINE POST AR. WIDTH 600 mm± C-C 3.0 MAX. 3.0 MAX BRACE TIE WIRES 42 mm 0.E SPACED 550 mm± C-GROUND LINE GATE POST (SEE PLATE 4 FOR 10 mm ADJUSTABLE SWING GATE POST TABLES) TRUSS ROD (TYP.) CHAIN LINK FABRIC LINE POST "H" TYPE OR TUBULAR ONE HEIGHT UP TO 3.6 m (SEE PLATE 4 FOR TABLE)

ELEVATION

GENERAL NOTES

GROUND LINE

CONCRETE

CLASS A

LINE POST

WILL NOT BE REQUIRED.

COATING - 607.2.6

- 1. ALL END POSTS SHALL HAVE ONE BRACE. (SEE DETAIL PLATE 2).
- 2. ALL CORNER AND INTERMEDIATE BRACE OR PULL POSTS SHALL HAVE TWO BRACES.
- 3. POST FOOTING DETAILS ARE SHOWN IN PLATE 3. FOR FENCE ERECTION ON THE RIGHT-OF-WAY LINE, SEE PLATE 3 OF STD. NO. FN-1.
- 4. FENCE DETAILS ARE FOR STEEL OR ALUMINUM FENCING. FOR ADDITIONAL DETAILS AND NOTES, SEE PLATES 2,3,& 4.

NHDOT STANDARD PLANS REV DATE PLATE CHAIN LINK FENCE

CONCRETE

EARTH

NHDOT STANDARD PLANS

CHAIN LINK FENCE

GENERAL NOTES

1. WHERE GROUND CONDITION PERMITS, FORMS FOR FOOTINGS

2. ALUMINUM POSTS IN CONCRETE SHALL HAVE A PROTECTIVE

TUBULAR OR

"H" POST

FOOTING DETAIL

(WITHOUT FORM)

CEMENT

GROUT

50 (MIN.)

<u>LEDGE</u>

REV. DATE

STANDARD

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

TOP RAIL

(SEE PLATE 4 FOR TABLE)

CHAIN LINK FENCE

NHDOT STANDARD PLANS

ALUMINUM

P TO 3.6 60 mm O.D. 1.88 56 x 49 mm 1.83

END POST ASSEMBLY

(SEE PLATE 4 FOR TABLE)

REV DATE PLATE STANDARD FN-2

STANDARD FN-2

LEDGE LINE

	ALUMINUM									
	UP TO 3.6	72 mr	n O.D. 2.98	75 x 7	75 mr	n 2.62	:			
TOP RAILS					LINE F	POSTS				
FENCE HEIGHT	ROUND	kg/m	FENCE HEIGHT	TI	JBULA	R		"H"	TYPE	:
(m)		37	(m)	ROU	ND	kg/m		Н		kg/m
STEEL			STEEL							
ALL	42 mm 0.D.	3.38	UP TO 1.8	48 mm	0.D.	4.05	47	× 41	mm	4.02
ALUMINUM			OVER 1.8	60 mm	0.D.	5.43	56	× 49	mm	6.10

	STEEL SWING GATE AND POST TABLE									
TYPE		GATE OPENI	GATE POST (TUBULAR)							
	1111	SINGLE	DOUBLE	ROUND	kg/m	SQUARE	kg/m			
	Α	UP TO 1.8	UP TO 3.6	72 mm 0.D.	8.62	63 x 63 mm	8.48			
	В	OVER 1.8 TO 3.9	OVER 3.6 TO 7.8	100 mm 0.D.	13.56	75 x 75 mm	11.24			
	С	OVER 3.9 TO 5.4	OVER 7.8 TO 10.8	166 mm 0.D.	28.23	_	-			
	D	OVER 5.4	OVER 10.8	216 mm 0.D.	42.49	_	-			
	GATE	EDAME UP TO 1.	42 mm 0.D.	3.38	38 x 38 mm	2.83				
		OVER 1.8		48 mm 0.D.	4.05	50 x 50 mm	4.05			

ALUMINUM SWING GATE AND POST TABLE								
TYPE GATE OPENING	GATE POST (TUBULAR)							
SINGLE DOUBLE ROUN	D ROUND kg/m SQUARE kg/m							
A - A UP TO 1.8 UP TO 3.6	72 mm O.D. 2.98 75 x 75 mm 2.62							
B - A OVER 1.8 TO 3.6 OVER 3.6 TO 7.	2 100 mm 0.D. 4.69 - -							
C - A OVER 3.6 TO 5.4 OVER 7.2 TO 10	.8 166 mm O.D. 9.77 - -							
D - A OVER 5.4 TO 9.6 OVER 10.8 TO 13	3.2 216 mm O.D. 14.70							
GATE FRAME ALL	48 mm 0.D. 1.40 50 x 50 mm 1.67							

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

UP TO 3.6 42 mm O.D.

NHDOT STANDARD PLANS POSTS FOR CHAIN LINK FENCE STANDARD

NO. FN-2 REVISION DATE

STANDARD

*.DGN FILE NAME

FN-2

METRIC

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STANDARD

DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.

NEW HAMPSHIRE

STATE OF

ELEVATION

SEE LINE POST

FOOTING DETAILS ON PLATE 3

3.0 m MAX.

GENERAL NOTES

GATE POST ASSEMBLIES

(SEE PLATE 4 FOR TABLE)

DOUBLE GATE

1. FOR ADDITIONAL DETAILS AND NOTES SEE PLATES 1, 3 & 4.

END, CORNER AND PULL POST FENCE HEIGHT kg/m SQUARE ROUND kg/m (m) UP TO 1.8 60 mm O.D. 5.43 50 x 50 mm 5.36 72 mm O.D. 8.62

ALUMINUM SWING GATE AND POST TABLE									
TYPE	GATE OPENI	GATE POST (TUBULAR)							
TIFE	SINGLE	DOUBLE ROUND	ROUND	kg/m	SQUARE	kg/n			
А — А	UP TO 1.8	UP TO 3.6	72 mm 0.D.	2.98	75 x 75 mm	2.62			
В — А	OVER 1.8 TO 3.6	OVER 3.6 TO 7.2	100 mm 0.D.	4.69	_	_			
C - A	OVER 3.6 TO 5.4	OVER 7.2 TO 10.8	166 mm 0.D.	9.77	_	_			
D - A	OVER 5.4 TO 9.6	OVER 10.8 TO 13.2	216 mm O.D.	14.70	=	_			
	GATE FRAME	48 mm 0.D.	1.40	50 x 50 mm	1.67				

REV. DATE

